



REPUBLIC OF NAMIBIA

MINISTRY OF ENVIRONMENT AND TOURISM

MINISTRY OF ENVIRONMENT, FORESTRY AND TOURISM
DIRECTORATE OF ENVIRONMENTAL AFFAIRS
12 AUG 2021
RECEIVED 1
Signature: _____

Tel: +264 61 284 2111

Fax: +264 61 229 936

Department of Environmental Affairs

Cnr of Robert Mugabe & D
Kenneth Kaunda Street
Private Bag 13306, Windh

PRO FORMA ENVIRONMENTAL CONTRACT FOR SAND MINING

Village/town	Region	Constituency
Oshika	Omusati	Onesi

Environmental Management Act, 2007 (Section 32)

NB: All questions are mandatory and thus must be fully completed, and all proposed sites must be 100 metres away from infrastructure / built-up area

NAMIBIA
REVENUE
N\$100

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REVENUE
N\$100

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REVENUE
N\$100

APF-002898

PART 1 A: DETAILS OF APPLICANT

1. Name (person or business): Gideon Ndeshipanda Aipanda (Shatis Trading cc)

2. Business registration/identity no. 86082000242 cc/2016/15190

3. Correspondence address: Box 24393 Windhoek

4. Name of contact person: Gideon Ndeshipanda Aipanda

5. Position of contact person: Manager

6. Telephone or cell phone number: 0814106818

7. Fax number: _____

8. Email address: gideonaipanda@gmail.com

NB: The completion of this questionnaire is a requirement under Section 20(1) of the Environmental Management Act no. 07 of 2007. Therefore it must be filled in as truthfully and reliably as possible. It must be noted here that the proponent is accountable for any wrong and misleading information that may be provided in this questionnaire. From this perspective, any person who completes this questionnaire must read and sign the declaration on the last page of this questionnaire.

I hereby certify that the particulars given above are correct and true to the best of my knowledge and belief. I understand that the environmental clearance certificate may be suspended, amended or cancelled if any information given above is false, misleading, wrong and incomplete.

Signature of applicant: [Signature]

Full name in block letters: GIDEON NDESHIPANDA AIPANDA

Position: MANAGER

on behalf of: Uukolonkathi Traditional Authority

Date: 8 July 2021

PART 1 B: DRAW PLAN OF THE PROPOSED SITE INDICATING SURROUNDING FEATURES:

See attached annexure A

NB: The Plan must include (Alternatively attach a map of the site)

- Latitude and longitude of the area
- Thematic map for land uses in proximity of the proposed site (and the surrounding 1 km)
- Water bodies such as rivers, lakes, ponds etc.
- Any forest area, natural reserve and game reserve etc.

Note: The name of each area on map must be provided

PART 2 A: CONSENT BY VILLAGE HEADMEN, TRADITIONAL AUTHORITY OR PRIVATE FREEHOLDER

For Village Headman

1. Name of TA headman/freeholder: Nestor A. Ipinge
2. Postal address: P.O. Box 16088, Oshihole-Onesi
3. Telephone or Mobile no.: 0813797528
4. Email address (if applicable): lainakapetja@gmail.com

For Traditional Authority or Freeholder

1. Name of TA headman/freeholder: Malalia Shoombe
2. Postal address: P.O. Box 11144 Oshihole
3. Telephone or Mobile no.: 0814018407
4. Email address (if applicable): lainakapetja@gmail.com

Comment and recommendation by the traditional authority /private freeholder (landowner)

Stamp and signature of representative: _____



Date: 12.07.2021

PART 2 B: CONSENT BY REGIONAL COUNCIL OR LOCAL AUTHORITY

For regional council or local authority represented by Chief Regional Officer (CRO) or Chief Executive Officer (CEO)

1. Name of CRO/CEO: Genasius Kashindi

2. Postal address: Private Bag 523, Outapi

3. Telephone or Mobile no: 065-251019

4. Email address (if applicable): info@ommsatire.gov.na

Comment and recommendation by the Chief Regional Officer or Chief Executive Officer

Applicator is supported.

Stamp and signature of representative: [Signature]

MUSATI REGIONAL COUNCIL
Private Bag 523 Outapi
2021-07-13 Date: 13/09/2021
No. 2
Tel. 065-251019
Fax 065-251078

NB: The completion of this questionnaire does not revoke provision 33 of the Environmental Management Act No. 7 of 2007 for the Environmental Commissioner to decide whether an activity requires an assessment but complements the process. Therefore a full environmental impact assessment (EIA) process may be required depending on the magnitude of the proposed project.

PART 3: GENERAL DESCRIPTION OF THE PROJECT

Please tick the appropriate answer with an (✓).

1. General information:

Name of the site:	<u>Oshika borrow pit (G.G.S)</u>
Size of the site (hectares):	<u>1 (one) hectare</u>
Tenure of operation (years):	<u>5 five years</u>
Expected cost of the project:	<u>1.1 million</u>

2. Sourcing of sand:

Activity site	Yes	No
River/floodplain		
Lake/reservoir		
Agricultural land		
Seaside/watercourse		
Homestead/crop fields		
Others, please specify:	<u>Communal land.</u>	

3. What is: (a) the intended use of sand and (b) the scale and volume of proposed sand mining:

Intended use of sand	Tick mark (✓)
Household-building activities	
Commercial housing construction	
Commercial road construction	
Commercial bulk sale	
Others	✓

Scale and total volume of proposed sand mining (Unit)	Tick mark (✓)
<100 m ³	
100–500 m ³	
500–1000 m ³	
>1000 m ³	✓

4. Location sensitivity details

(a) Is the proposed activity site near/in the following installations?

Important installations	Yes/no	Name	Distance (m)
Public utility (i.e. schools, colleges, hospitals, picnic spots, bridges etc.)	NO		
Tourist site / worship area / graveyard	NO		
Governmental installations (e.g. police stations, government, building, defense installations, etc.)	NO		
Protected area	NO		
Any other installation nearby? Please specify:	None		

Note: Sustainable sand mining guidelines state that the proposed area should be away from these important installations. Guidelines also specify certain distances as per the sensitivity of the area.

Remarks if any:

The proposed borrow pit is located in a communal area, and there are no vital installations nearby.

(b) Land use pattern of site lease

Land type	Area (hectare)
- Private land	
- Government land	
- Other (specify) Communal	one (1)
- Total	one (1)

(c) Is the project likely to affect local community member(s)?

Yes

No

(d) If the answer is yes, does the proposed project involve people relocation?

Yes

No

(e) If the answer is yes

Number of affected people

Types of compensation

(f) Was compensation provided to affected people?

Yes

N/A

No

If the answer is yes, describe the compensation and other amenities provided.

Section 44 of Environmental Management Act No. 7 of 2007, and Sub-Regulation 21 provide guidance on consultative procedures and methods that must be followed during the environmental assessment process for listed activities. This is necessary to allow the public (Interested and Affected Parties) to give input on how best to avoid and/or mitigate potentially negatives impacts.

5. Public consultations:

(a) Were public consultations held?

Yes

No

If the answer is yes, please attach proof with the application.

If the answer is no, please refer to the EMA Regulation 21—conduct and attach proof.

(b) Are the project concept note and/or activities shared with members of the community?

Yes

No

If the answer is yes, provide a copy of the concept note.

If the answer is no, please consult community and attach proof

(c) Are there any other mines located adjacent to the proposed project site?

Yes

No

If the answer is yes, provide the name and type of the mines within a radius of 1 km.

(c) Attach a No Objection Certificate from the concerned authority with the application

(d) Is there complaint of air and water pollution due to existing mines near the proposed site?

Yes

No

(e) Will the project affect the local drainage or drainage pattern?

Yes

No

If the answer is yes, describe the number of natural drains likely to be impacted and whether the project proponent has taken any initiatives to avoid/minimize impacts. Give details of such initiatives.

M/A

6. Local biodiversity

(a) Does the site preparation require clearing of vegetation (including cutting of trees)?

Yes

No

If the answer is yes, please furnish the following details?

1. Description the type of vegetation and number of species to be affected:

Mopane trees and bushes. 20 trees and a couple bushes.

2. Number of trees proposed to be cut:

± 20 trees.

(b) Are these species categorized as protected/endemic/endangered/threatened species?

Yes

No

If the answer is yes, provide details

The mopane tree is common in the Omusati Region.

(c) Does the proposed project impact local fauna? Yes

No

(d) If the answer is yes, will it impact protected/endemic/endangered/threatened species? M/A -

Yes

No

If yes, provide details

e) Soil type and characteristics, tick appropriate: Sand Clay Loam Other, please provide description;

7. Sand mining details

(a) Method of mining operations

No.	Type	Please tick	Size of site (large / medium / small)	Mining method (manual / semi-mechanized / mechanized / any other (specify))
1	Open cast	✓	medium	Semi-mechanized.
2	Others (specify)			

(b) Number of mining shift: 1

(c) Proposed maximum depth of the borrow pit (m): 5 meters; does it intersect with ground water table? NO

(d) Top soil generation (m³) N/A

Applicable if mining is proposed on agricultural land or a crop field or homestead.

Proposed measures for top-soil conservation and management

The top soil will be stored and used for the continuous Rehabilitation of the borrow pit.

(e) In the case of river-sand mining, provide following information:

Distance from hydraulic structure such as pumping station, water intakes, and bridges

N/A

Number of other operators within 1 km upstream

N/A

Number of other operators within 1 km downstream

N/A

Distance of proposed mining site from the bank

N/A

8. Resource requirement:

(a) Mode of transportation of mined material

The material will be transported with Dumper Trucks.

If dumper / trucks is used, Expected number of dumpers

one (1)

List the equipment to be used during mining operation.

Excavator (1), loader (1), truck (1)

(b) Will the project use *blasting / explosives*

Yes

No

If the answer is yes, has the proponent obtained the permit / licence from an authorized body? If yes, attach a copy of the permit / licence with the application. *M/A*

(c) **Water**

Source of water

Handwater Rural supply is pipeline

Quantity of water used (m³ / day)

25 litres

(d) **Employment:**

- Total employment potential from proposed mine: _____

- Types of employment: Contract

Daily wage

Permanent

(e) **Fuel requirement**

Quantity of fuel (litre/day):

1000 litres per day for all equipment.

If fuel is stored at site, describe the safeguard measures that would be undertaken

fuel will not be stored on site, it will be brought from the nearest refueling station in ones!

9. Road construction:

(a) Describe the road connectivity from the proposed site.

The Proposed borrow Pit is located five km from the road.

(b) Will proposed site require construction of new roads?

Yes

No

If the answer is yes,

Length of the road (km)

5 km

Type of road constructed

gravel

Number of trees to be cut during the construction

a few incense trees.

PART 5: ENVIRONMENTAL MANAGEMENT PLAN

Sand mining is a listed activity as per the Environmental Management Act No. 7 of 2007 and it may not be undertaken without a valid Environmental Clearance Certificate. Therefore, it is recommended that an Environmental Management Plan section of this application is completed or a detailed separate EMP submitted.

ENVIRONMENTAL CONSERVATION

Conservation of flora (including cultivated crop fields, riverine ecosystems and River flow Regime)	<p>Proposed mitigation measures for conservation of flora</p> <p>No flora, except grass, in the proposed site. Top grass will be dumped in a nearby mahangu field to become compost.</p>
Conservation of fauna (including wildlife and livestock)	<p>Proposed mitigation measure for conservation of fauna</p> <p>The area will be fenced off so livestock cannot enter and fall in to the pit. The Pit slopes will be gentle.</p>
Rehabilitation of mined site (including borrow pits, tracks and roads)	<p>Proposed measure for rehabilitation and resettlement</p> <p>Part of the Pit will be backfilled. However a portion of the Pit will be utilized by community members for Aquaculture.</p>

ENVIRONMENT PROTECTION

Air pollution	<p>Proposed mitigation measures for air pollution / dust control</p> <p>Dust generated by sand in the wash basin is generally clean and free of toxic particles. Nevertheless, excessive dust will be suppressed by using a 14 cubic meter tanker.</p>
Protection of water resources	<p>Proposed mitigation measures for water-pollution control and prevention and for conservation of water resources</p> <p>We will ensure that no oil or lubricants are used too close to water sources.</p>
Noise	<p>Proposed mitigation measures for noise</p> <p>There will be no night shifts or weekend shifts when people are resting.</p>

ENVIRONMENT PROTECTION Continues.	
Health and safety of workers	Proposed measures for safety and health
	Only experienced operators and drivers will be allowed in the pit area. all workers will have safety gear. No alcohol Policy will apply on site.
Protection of archaeological and cultural site, if any	Proposed measures for protection of archaeological sites and cultural heritage of the project-affected area
	None in the area.
Waste management (i.e. general, mine and hazardous wastes)	Proposed measures for waste minimization and disposal
	No waste will be generated during this sand mining operation.
Amenities to workers	Details amenities proposed
	There will be a camp equipped with portable heater and power for workers from far away places.

EMP MONITORING, SITE CLOSURE AND DECOMMISSIONING

EMP implementation records and reporting (attach record sheet)	
Financial provisions for rehabilitation, site closure and decommissioning	Sand Heaps will be pushed back into the Pit.
Compensation measure and guidelines (with reference to relevant governing laws)	N/A

PART 6: OBLIGATIONS AND COMPLIANCE

The proponent recognises that its sand mining operations may have significant impacts on the environment. Accordingly the proponent undertakes that during the course of its operations it will take every practicable step necessary to ensure the mitigation of such impacts. In doing so it will comply with the obligations identified in the EMP and approved by the Ministry of Environment and Tourism represented by the Environmental Commissioner.

SIGNED AT Walvis Bay on this 19 day of July 2021

For the proponent:  (duly authorised thereto)

For the Government of Namibia: _____
 Mr. T. Nghitila
 Environmental Commissioner
 Ministry of Environment and Tourism